

SITE INSPECTION

Proll Toys

(aka Proll Molding Company, Inc.)

BLOOMFIELD TOWNSHIP, ESSEX COUNTY

EPA ID No.: NJD049862691



New Jersey Department of Environmental Protection
Division of Hazardous Waste Management
Bureau of Planning and Assessment

249038



PROLL TOYS
AKA: PROLL MOLDING COMPANY, INC.
120 ARLINGTON AVENUE
BLOOMFIELD TOWNSHIP, ESSEX COUNTY, NEW JERSEY
EPA ID NO. NJD049862691

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- C. NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM (NJPDDES), PERMIT
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NARRATIVE

PROLL TOYS
AKA: PROLL MOLDING COMPANY, INC.
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GENERAL INFORMATION AND SITE HISTORY

Proll Toys is located on Block 63, Lot 80 in Bloomfield Township, Essex County. The facility consists of one large building on approximately 7 acres. The site is bounded to the north by Federal Plaza, to the south by a county park, to the west by Arlington Avenue and to the east, General Plastics, a plastic parts manufacturer. Land use in the vicinity of the site is developed for light industrial purposes. The estimated population within 1 mile of the site is greater than 20,000. The population within a 4-mile radius of the site is greater than 300,000.

The site is currently owned by Proll Toys or Proll Molding Company, which leases out part of the facility to Martin Ice Cream. Martin Ice Cream has leased the eastern portion of the facility which mainly consists primarily of garage space since 1987. Prior to Martin Ice Cream, this area was unoccupied. Proll Toys acquired the site in 1975 from MGM Records which used the facility for the manufacture of records. Little information is known on MGM Records' site operations or years in operation.

At present, Proll Toys has ceased all plastic injection molding operations and only assembles (via adhesive) pre-fabricated plastic toys.

SITE OPERATIONS OF CONCERN

Proll Toys currently assembles pre-fabricated plastic toys. Site operations involve the use of adhesives to join various plastic parts together. Ethyl acetate and toluene, the only chemicals used on site, are used as bonding solvents and are stored indoors on a concrete drum storage area located in the rear of the facility in 55-gallon drums. The maximum amount maintained on site is one drum of each. No hazardous waste is generated during site operations and all site activities are conducted indoors.

Until 1987, Proll Toys manufactured and assembled plastic government weapon parts. No information was available on specific site processes, but according to Peter Proll, company president, operations were similar to present manufacturing processes and no hazardous wastes were generated. Proll Toys also maintained an indoor shooting range to test weapon parts. Only a limited amount of ammunition was used and all testing was done inside the building.

Proll Toys maintains 11 inactive fuel oil underground storage tanks ranging in size from 500 to 20,000 gallons. There are no records indicating the tanks have been integrity tested, however, it is known that the tanks have not been sealed or excavated.

In addition, Proll Toys also maintains four aboveground storage tanks which contained polystyrene (dry beads). The tanks are empty and no longer used.

Proll Toys does not maintain any groundwater monitoring wells on site. However, they do possess New Jersey Pollutant Discharge Elimination System (NJPDES) Permit No. NJ0071706 for the discharge of non-contact cooling water and storm water runoff to surface waters of the state (tributary of the Passaic River).

A review of the historical operations at the Bloomfield facility have not identified any documented spills or releases of hazardous substances.

GROUNDWATER ROUTE

The area surrounding Proll Toys is underlain by unconsolidated, moderately permeable sediment deposited by glaciers or glacial meltdown during the Pleistocene Epoch. The Pleistocene sediment found at the Bloomfield facility is both stratified and unstratified drift. Unstratified drift consists of a heterogeneous mixture of clay, silt, sand, gravel, cobbles and boulders deposited by glacial ice. Stratified drift consists of either glaciofluvial stratified sand or glaciolacustrine laminated silt and clay, depending upon the depositional environment. The Pleistocene sediment has a combined thickness of approximately 0 to 200 feet. Deposits beneath this overburden comprise the Passaic Formation (formerly known as the Brunswick Formation). The Passaic Formation underlies the entire area around the site and most of Essex County. The formation consists primarily of brown, reddish-brown and gray shale, sandy shale and sandstone. The thickness of the formation is not known but is believed to be greater than 6,000 feet.

Groundwater beneath the site exists in the voids of the unconsolidated Quaternary glacial sediments and in the joints and fractures of the Passaic Formation. Groundwater beneath the site flows in a north to south direction. Groundwater use in the vicinity of the site is limited to a few industrial wells screened at depths of 20 to 80 feet.

Proll Toys maintains three on-site industrial wells which are no longer in use but have not been sealed. The well depths range from 395 to 800 feet and tap the Passaic Formation. The wells are screened at depths ranging from 23 to 36 feet. The wells were used in the non-contact cooling water system for the molding machines.

There are no monitoring wells on Proll Toys' property, nor do they possess a NJPDES Permit for groundwater discharge.

Groundwater within 4 miles of Proll Toys is used for public and semipublic water supplies and for golf course irrigation, swimming pool supply and non-contact cooling purposes.

The Town of Montclair uses three wells to supplement their surface water supplies during peak demand periods. The wells are 300 feet deep, tap the Passaic Formation and serve up to 66,000 people. The Town of Montclair has agreements for the sale of water to the Township of Little Falls, Cedar Grove Township, Glen Ridge Borough and the City of Clifton.

The City of Orange also maintains wells within 4 miles of Proll Toys. Well depths range from 500 to 551 feet and tap the Passaic Formation. Approximately 32,000 people are serviced by the City of Orange.

The Upper Montclair County Club (UMCC) and Mountainside Hospital use groundwater for semipublic water supplies. UMCC uses groundwater to supply staff and members with drinking water and Mountainside Hospital uses groundwater to supply patients with drinking water. The populations served by the UMCC and Mountainside Hospital wells are 1,000 and 2,000, respectively.

In addition, 155 acres of golf course property are irrigated by wells drawing from the Passaic Formation.

Contamination of the wells is unlikely since chemicals used on site are in limited amounts and are stored indoors on paved areas. However, the potential for groundwater contamination does exist since Proll Toys maintains 11 underground fuel tanks. The tanks are currently empty, but it is not known if the tanks will be used in the future or excavated, or if material had previously leaked. The tanks have not been integrity tested.

SURFACE WATER ROUTE

Proll Toys is approximately 0.50 mile upgradient of the Second River. The Second River feeds into the Passaic River approximately 2.5 miles northeast of the site. Surface water contamination is unlikely since all chemicals on site are stored indoors and on paved areas. There are no records indicating surface water or sediment sampling in the past. The Second and Passaic Rivers are classified as FW2-NT (Freshwater-Nontrout). Uses include recreational, industrial, commercial and for irrigation of private golf courses.

There are no drinking water intakes within 4 miles and surface water is not used for agricultural irrigation.

Proll Toys was issued NJPDES Permit No. NJ0071706 on December 29, 1989 to discharge non-contact cooling water and storm water runoff into the surface waters of the State. Actual discharge is to the Second River. Proll Toys has currently suspended the discharge due to the cease in manufacturing operations.

No freshwater wetlands or coastal wetlands are within 1 mile of the site.

There are no federally listed endangered species within 1 mile of the site.

AIR ROUTE

Proll Toys, facility ID No. 05646, has nine New Jersey Bureau of Air Pollution Control permits still in effect for a vacuum metallizer, various spray booths, roof exhaust fans and aboveground storage tanks which contained polystyrene. The certificate numbers are 034102, 034103, 034100, 034101, 043072, 043073, 043074, 043075 and 043076. These permits are monitored through the NJDEP, Division of Environmental Quality. However, Proll Toys is planning to let these permits lapse since manufacturing operations have ceased. There are no records indicating air sampling has been conducted in the past.

There is currently no potential for air contamination as manufacturing operations have ceased and current operations involve only a limited amount of chemicals.

SOIL

No soil samples have been collected at the Proll Toys facility. Contamination of the soil is unlikely since past and present manufacturing operations were conducted indoors. There is no record of any activity occurring in non-paved areas of the site.

During a Pre-sampling Assessment conducted by the NJDEP, Division of Hazardous Waste Management (DHWM), Bureau of Planning and Assessment (BPA) on July 8, 1990, no soil gas readings were noted above background in non-paved areas using an HNu photoionization detector and a Organic Vapor Analyzer (OVA).

DIRECT CONTACT

There have been no reported incidents of direct contact with hazardous waste or materials on site. A potential exists if employees come in contact with hazardous materials currently stored on site.

FIRE AND EXPLOSION

There have been no reported incidents of fires or explosions at Proll Toys. A slight potential for fire and explosion to occur exist as the site does store two 55-gallon drums of flammable chemicals.

ADDITIONAL CONSIDERATIONS

There have been no reported incidents of damage to flora and fauna. A potential does not exist since all materials used are used indoors.

ENFORCEMENT ACTIONS

There have been no enforcement actions taken against Proll Toys in the past by NJDEP or other agencies.

RECOMMENDATIONS/CONCLUSIONS

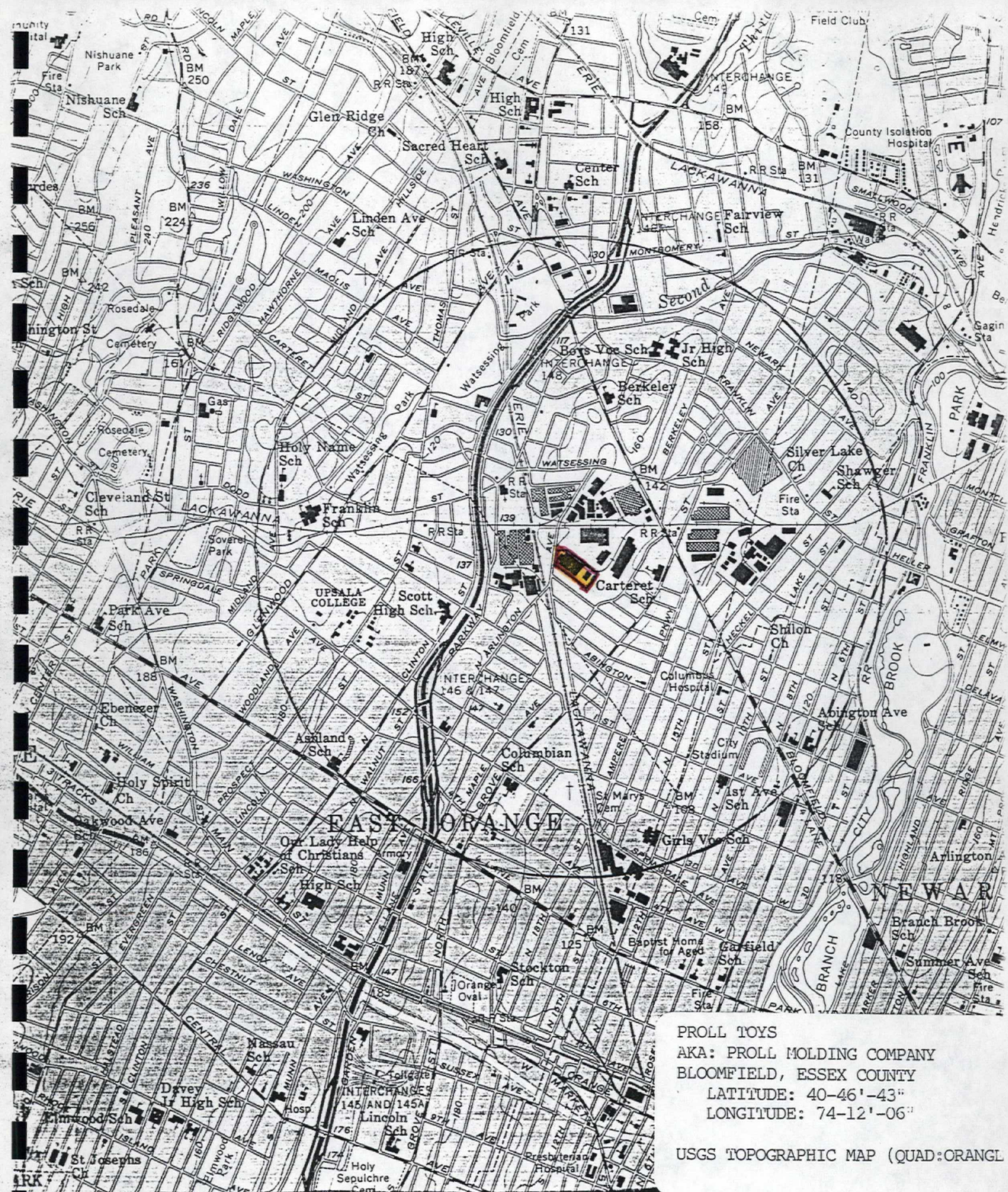
Currently no hazardous wastes are located at Proll Toys and only a limited amount of chemicals are used and stored indoors.

During a Pre-sampling Assessment conducted by the NJDEP, DHWM, BPA, no soil gas readings above background were noted. Also, past and present manufacturing operations did not generate hazardous waste nor was hazardous waste stored in any above or underground tanks only fuel oil and polystyrene and operations were conducted indoors. Therefore, sampling is not necessary at this time and no further action federal, or related to CERCLA is recommended in this case. However, this case should be transferred to the NJDEP, DWR, Bureau of Underground Storage Tanks to address either the integrity testing or excavation of the eleven underground storage tanks.

Submitted by:

Hayder Camargo
HSMS IV
Bureau of Planning and Assessment
August 3, 1990

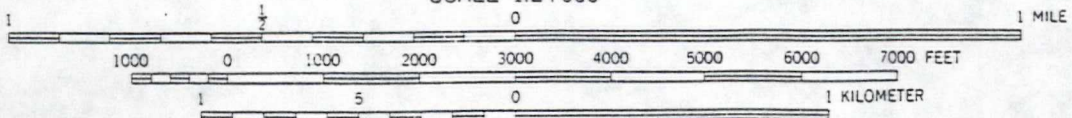
MAPS

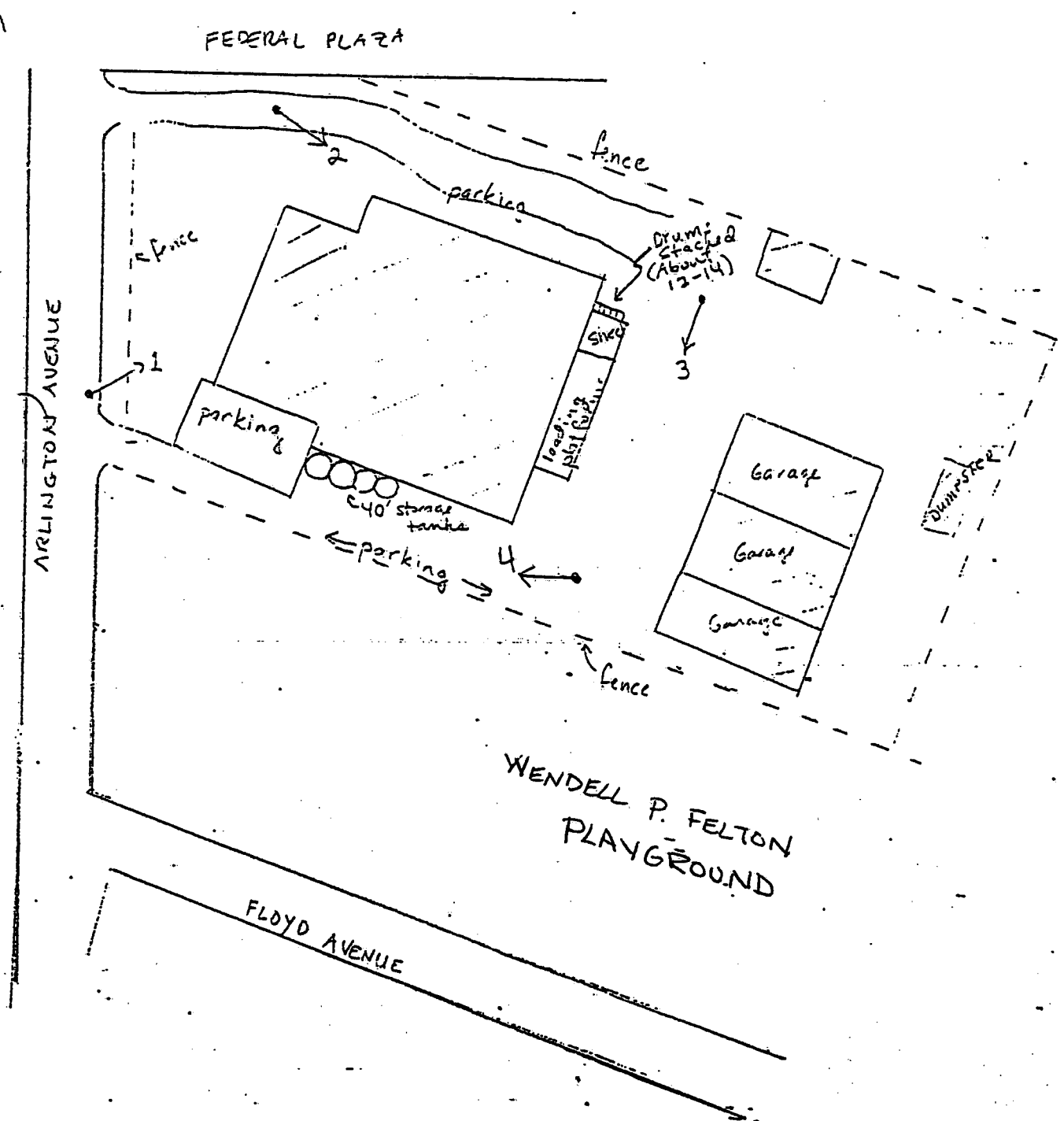


PROLL TOYS
AKA: PROLL MOLDING COMPANY
BLOOMFIELD, ESSEX COUNTY
LATITUDE: 40-46'-43"
LONGITUDE: 74-12'-06"

USGS TOPOGRAPHIC MAP (QUAD:ORANGL

SCALE 1:24 000





PROLL TOYS
AKA: PROLL MOLDING COMPANY
BLOOMFIELD, ESSEX COUNTY
LATITUDE: 40-46'-43"
LONGITUDE: 74-12'-06"

SITE MAP

61

62

6.887 Acres

2.245 Acres

6.77 Acres

CONRAIL (FORMERLY ERIE-LACKAWANNA)
NEWARK & BLOOMFIELD DIVISION

MAIN STEM

2ND CLASS 0.251 ACRES

BLOCK LIMIT

ARLINGTON

FEDERAL

PLAZA

CONR
NEW Y

Block-63
LOT-80

Proll Toys
#313

Town of Bloomfield
EXEMPTED
Wendell P. Felton
Playground
2.13 Ac

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LATITUDE: 40-46'-43"
LONGITUDE: 74-12'-06"

LOCAL TAX MAP

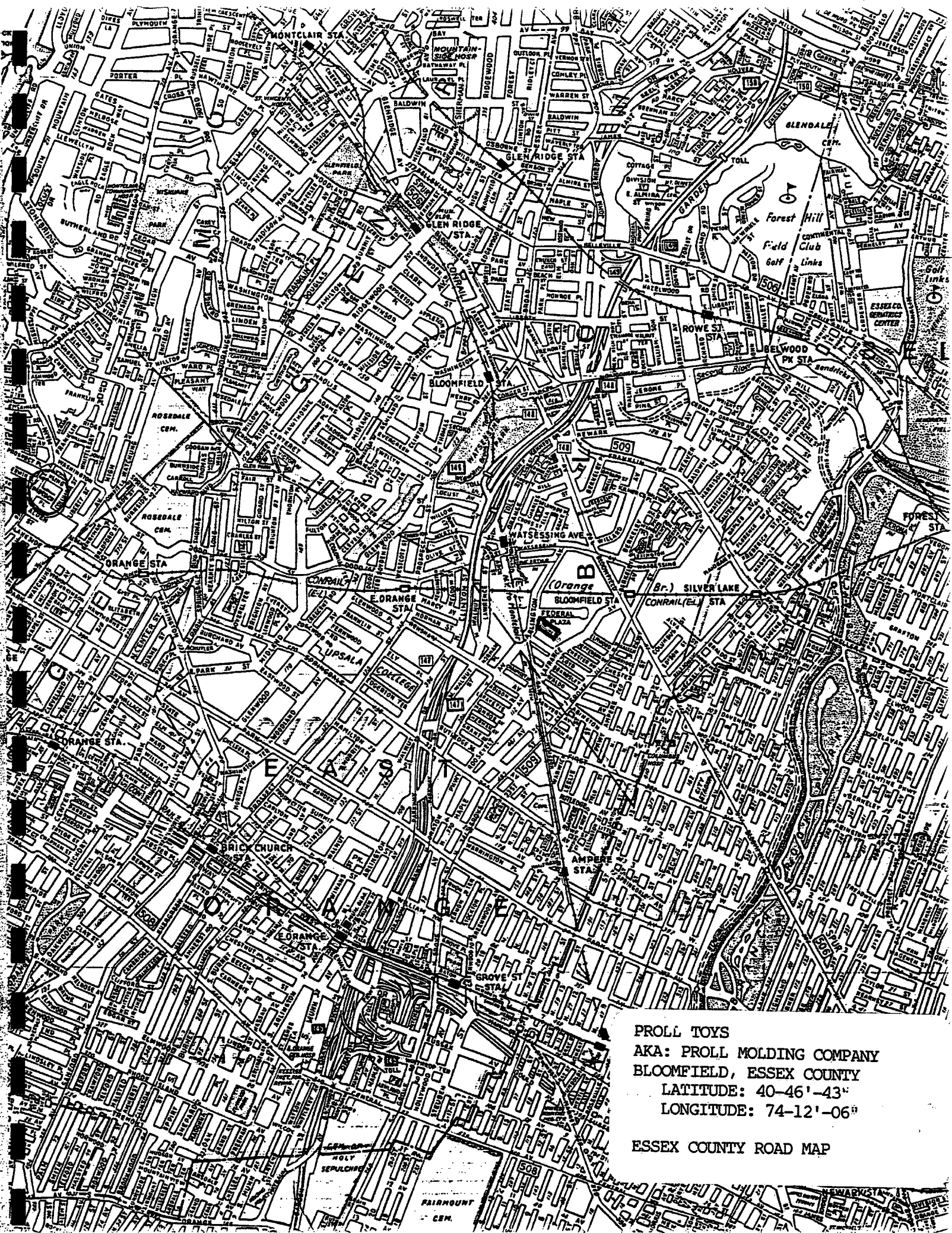
BLVD.

BEARDSLEY

FLOYD

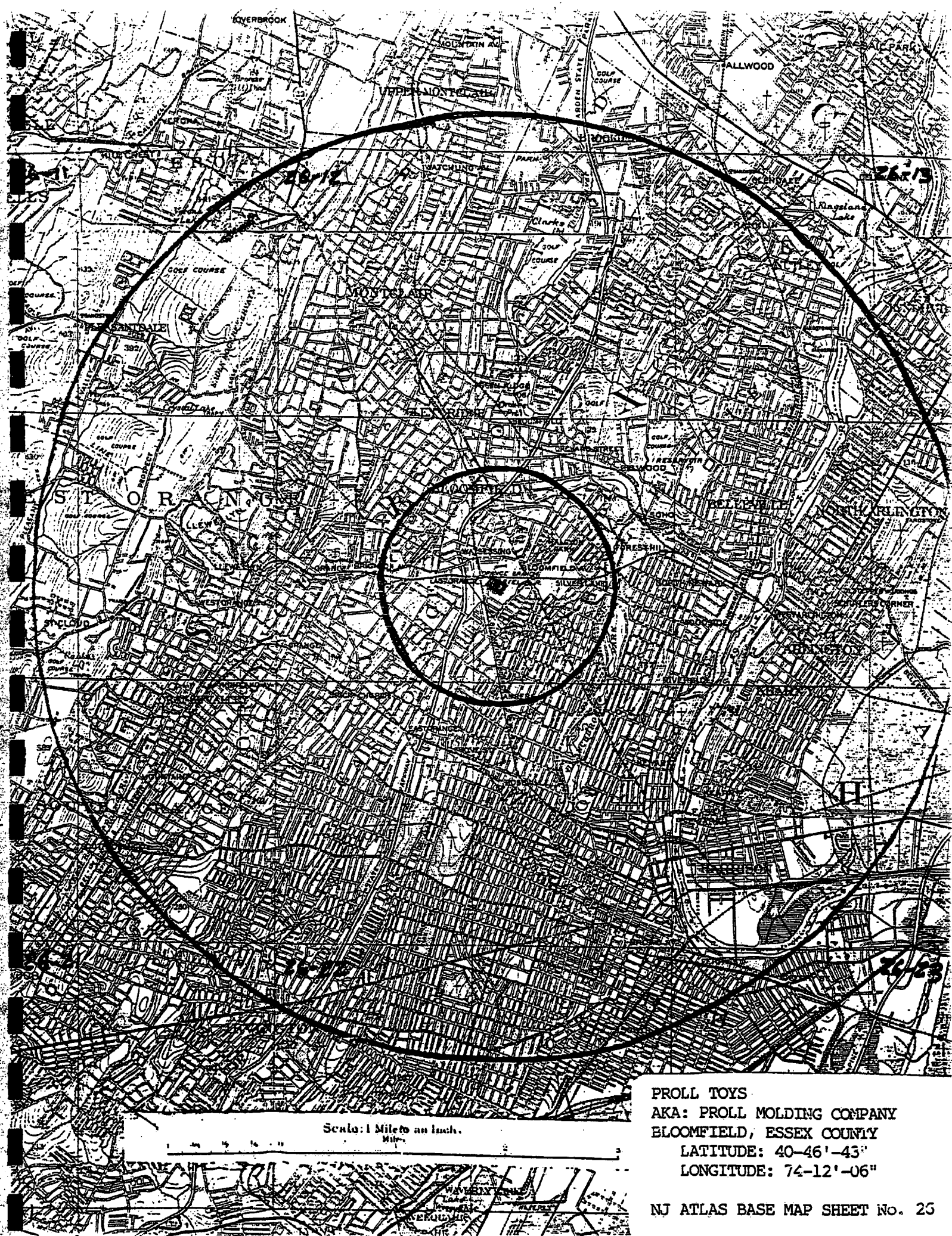
BLOOMFIELD
1.58 ± Ac.

MAP-3



PROLL TOYS
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BLOOMFIELD, ESSEX COUNTY
LATITUDE: 40-46'-43"
LONGITUDE: 74-12'-06"

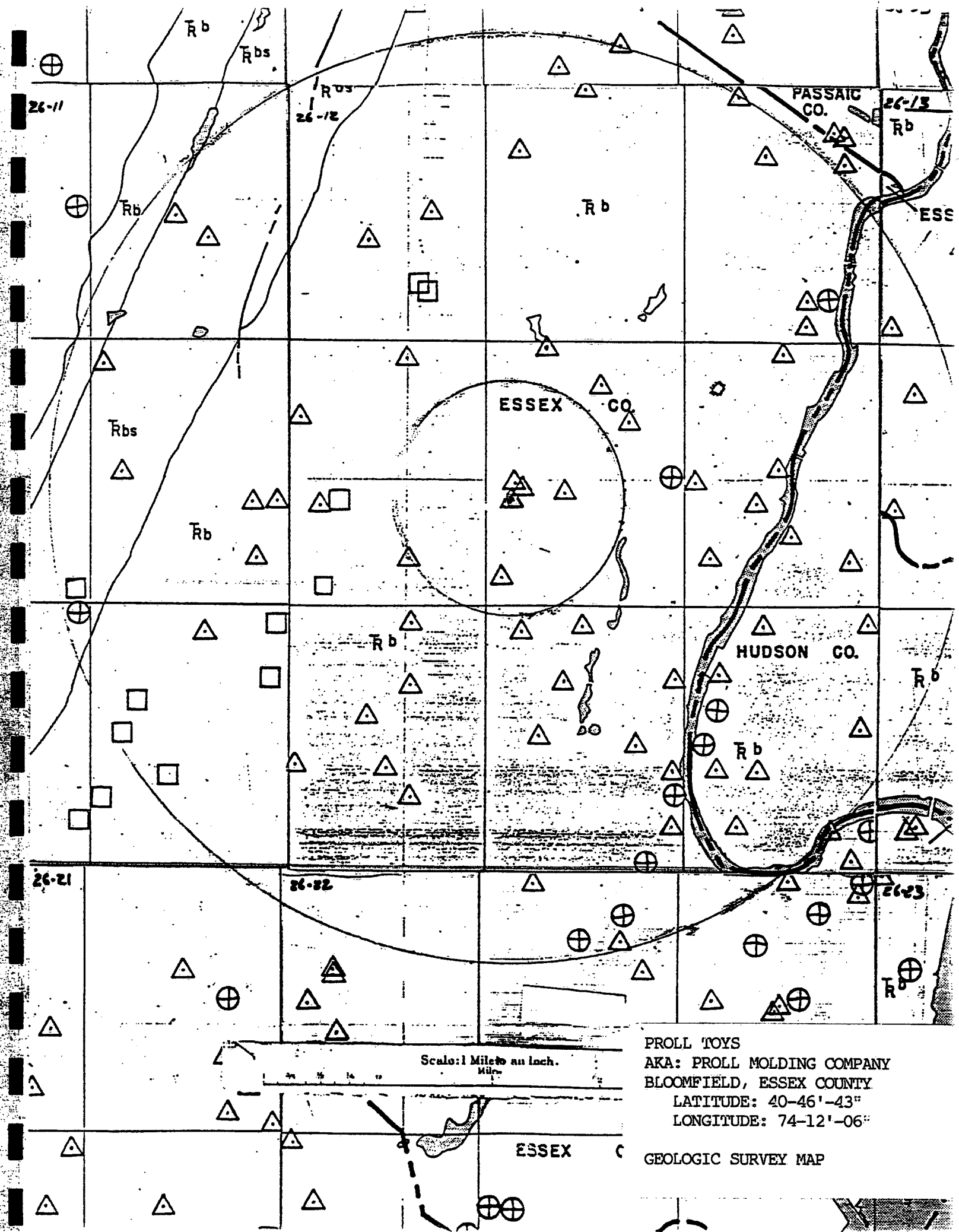
ESSEX COUNTY ROAD MAP



PROLL TOYS
AKA: PROLL MOLDING COMPANY
BLOOMFIELD, ESSEX COUNTY
LATITUDE: 40-46'-43"
LONGITUDE: 74-12'-06"

NJ ATLAS BASE MAP SHEET No. 23

MAP-5



- △ — INDUSTRIAL WELL YIELD OVER 70 GALLONS PER MINUTE (INCLUDING PRIVATE WELLS)
- — PUBLIC SUPPLY WELL YIELDING OVER 70 GALLONS PER MINUTE
- ⊕ — UNSUCCESSFUL ROCK WELL YIELDING LESS THAN 70 GALLONS PER MINUTE
- ⊙ — UNSUCCESSFUL SAND WELL YIELDING LESS THAN 70 GALLONS PER MINUTE
- ⊞ — NO TEST — NO DATA ON YIELD

——— FAULT (DASHED WHERE INFERRED)

——— CONTACT (DASHED WHERE INFERRED)

——— PHYSIOGRAPHIC PROVINCE BOUNDARY

——— WATER SUPPLY TRANSMISSION LINE

NOTE: WHERE THE PRECAMBRIAN FORMATION BOUNDARIES TERMINATE ABRUPTLY, IT IS THE GEOLOGIST'S OPINION THAT THE GEOLOGICAL COMPLEXITY OF THE AREA PREVENTS FURTHER INTERPRETATIONS.

Kmr — CRETACEOUS MAGOTHY AND RARITAN FORMATIONS (SAND AND CLAY)

Rb — TRIASSIC BRUNSWICK FORMATION

Rc — TRIASSIC CONGLOMERATE BEDS OF THE STOCKTON FORMATION

Rl — TRIASSIC LOCKATONG FORMATION

Rdb — TRIASSIC DIABASE

Rbs — TRIASSIC BASALT FLOWS

Sd — SILURIAN DECKER LIMESTONE AND LONGWOOD SHALE FORMATIONS

Sgp — SILURIAN GREEN POND CONGLOMERATE

Omb — ORDOVICIAN MARTINSBURG SHALE

ok — CAMBRO ORDOVICIAN KITTATINNY LIMESTONE

ch — CAMBRIAN HARDYSTON SANDSTONE

PRECAMBRIAN:

gh — HORNBLende GRANITE WITH PYROXENE GRANITE

ga — ALASKITE

am — AMPHIBOLITE

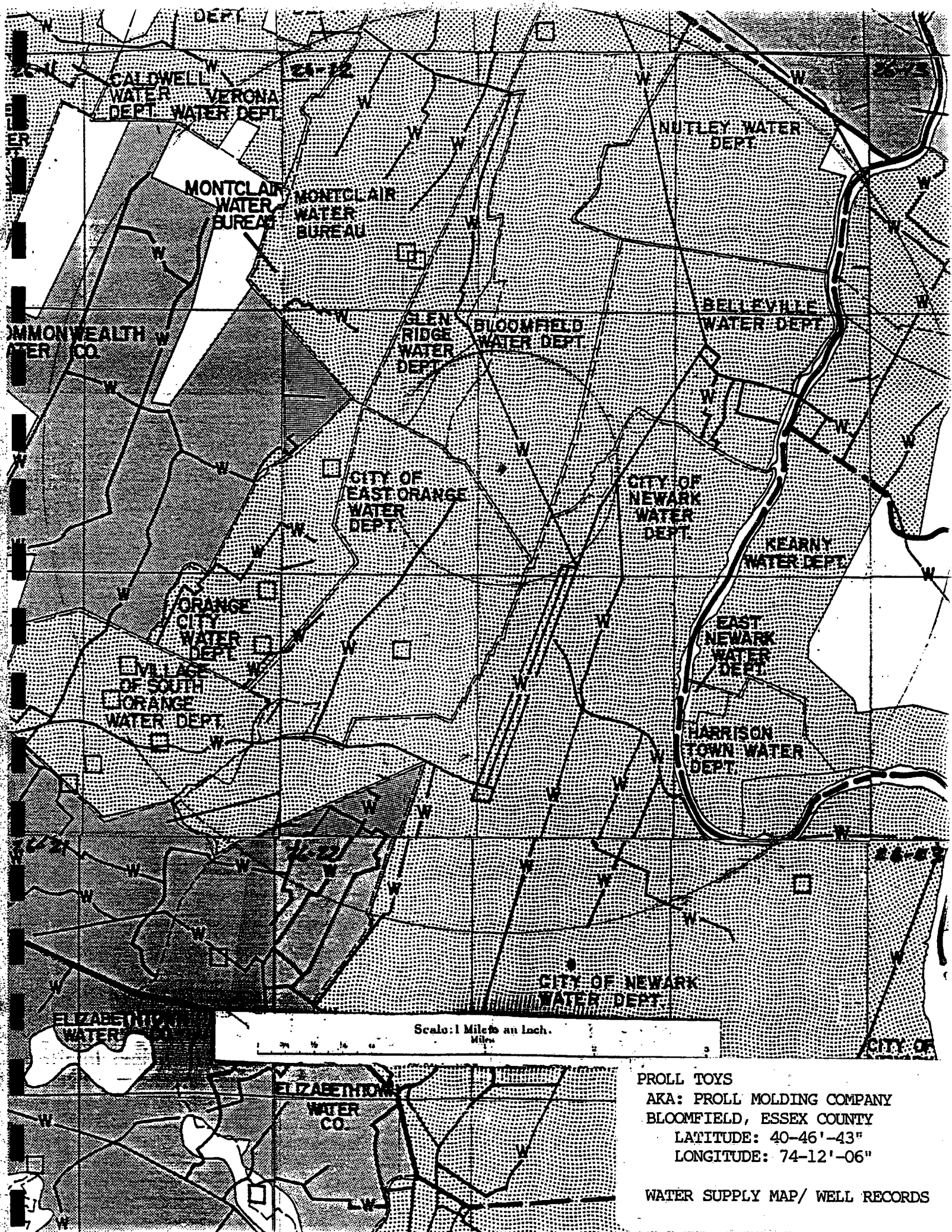
px — PYROXENE GNEISS

gnq — QUARTZ PLAGIOCLASE GNEISS

gnb — BIOTITE GNEISS







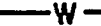

sk — SKARN, GRAPHITE SCHIST

ind — FORMATION NOT DETERMINED









LEGEND






WATER SUPPLY

-  AREA SERVED BY PRIVATE WATER SERVICE COMPANIES
-  AREA SERVED BY REGIONALLY OWNED WATER SERVICE COMP.
-  AREA SERVED BY MUNICIPALLY OWNED WATER SERVICE COMP.
-  AREA NOT PRESENTLY SERVED BY WATER SERVICE
-  PUBLIC SUPPLY WELLS
-  SURFACE WATER INTAKE
-  MAJOR WATER MAINS
-  WATER MAIN ACROSS HIGH FOR FUTURE USE









SEWAGE, LANDFILL

-  AREA SERVED BY PUBLIC SEWAGE SERVICE
-  AREA NOT PRESENTLY SERVED BY SEWAGE SERVICE
-  SANITARY LANDFILLS
-  SEWAGE TREATMENT PLANTS (CAPACITY <0.3mgd)
-  SEWAGE TREATMENT PLANTS (CAPACITY ≥0.3mgd)
-  MAJOR SEWAGE TRANSMISSION LINES

DRAINAGE BASIN

-  DRAINAGE BASIN BOUNDARY
-  RIVER BASIN BOUNDARY
-  DRAINAGE BASIN NAME
-  STREAMS AND RIVERS
-  FLOOD PRONE AREAS

POPULATION

-  COUNTY BOUNDARY
-  MUNICIPAL BOUNDARY
-  POPULATION DENSITY IN PERSONS PER SQUARE MILE
-  AREA IN SQUARE MILES
-  PERCENT AREA OF MUNICIPALITY ON BLOCK
-  MARKET⁷ ROADS
-  BUILT UP AREAS
-  STATE BOUNDARY

A. Orange, Paterson

B. Passaic-Lower Passaic

C. 1. Little Falls - Recording and non-recording temperature and precipitation gauges

Paterson - Non-recording temperature and precipitation gauges

2. Map No.	Location	Period of Record
35	Passaic River at Little Falls	1897-
36	Slippery Rock Brook at Barbours Pond, West Paterson	7/23/45
27	Slippery Rock Brook at Highland Lake, West Paterson	7/23/45
39	Peckman Brook at Bradford Ave., Cedar Grove	7/23/45
43	Mollyann Brook at Squaw Lake Dam, No. Haledon	7/23/45
45	Mollyann Brook below Redwood Ave., Paterson	7/23/45
46	Passaic River at Paterson	1898-1955
3. 35	Passaic River at Little Falls	1962-
247	Passaic River at Totowa	1964-
254	Peckman River at Cedar Grove	1964
255	Peckman River at West Paterson	1964-

Water Quality Standards: (explained in Atlas Sheet Description)
FW2 except where classified FW3

D. Brunswick Formation (Trb), Basalt Flows (Trbs)

E. 1. Physiographic Province: Piedmont

Subdivision: Triassic Lowlands

Major Topographic Features: Red Sandstone Plain, Watchung Ridges

Elevations (ft. above sea level): ridges 600, valleys 50

Relief (ft.): 550

2. a. Normal Year: 47"

Dry Year: 38"

Wet Year: 59"

b. January: 31°F

July: 74°F

c. 241 days. Last killing frost: 4/25; first killing frost: 10/20

F. Passaic County:

Preakness Valley Park

Garrett Mountain Reservation

Passaic Valley:

Municipal Watershed

Cedar Grove:

Municipal Watershed

H. Westside Park/Van Houten House, Paterson.

Great Falls of Paterson and Society of Useful Manufacturers, Historic District,
Paterson

NOTE:

ORANGE: PUBLIC WATER SUPPLY WELLS

YELLOW: INDUSTRIAL WELLS

I. Water Well Records

<u>Location</u>	<u>Owner</u>	<u>Year Drilled</u>	<u>Screen Setting or Depth of Casing</u>	<u>Total Depth</u>	<u>g/m Yield</u>	<u>Formation</u>
26-02-142	Twp. of Wayne			?	No test	Q
26-02-174	Marcal Paper Products			?	"	"
26-02-177	"			?	"	"
26-02-221	Grand Union Co.	1955	30	41	90	"
26-02-222	Bluebird Dyeing Corp.			65	550	"
26-02-227	Columbia Piece Die Works			235	100	Trdb
26-02-227	"			100	140	"
26-02-234	Fair Lawn Dept. of Pub.Wks.			500	85	Trb
26-02-265	35 Church St. Corp.	1953	32	200	75	"
26-02-265	Garden Theater	1955	35/8	229	200	"
26-02-273	Hudson Piece Dye Works			450	75	Trbs-Trb
26-02-295	Passaic Rolling Mill			2100	100	Trb
26-02-312	Barbizon Corp.			300	385	"
26-02-321	Boque Electric Co.			345	215	"
26-02-326	Spotless Cleaners	1965	30	400	135	"
26-02-332	Lyons Piece Dye Works			584	85	"
26-02-332	"			600	250	"
26-02-334	Fair Lawn Dept. of Pub.Wks.	1964	40	500	85	"
26-02-335	Boro of Fair Lawn			402	475	"
26-02-335	"			413	500	"
26-02-335	Fair Lawn Dept. of Pub.Wks.	1955	47	400	450	"
26-02-335	"	1954	53	500	75	"
26-02-342	Our Lady of Victories	1954	25	300	112	"
26-02-364	Temple Emanuel	1954	17	150	150	"
26-02-373	Madison Ave. Baptist Church	1964	38	250	276	"
26-02-375	River Pulp Co.			400	350	"
26-02-378	Wright's Diner			220	70	"
26-02-378	Heller Candy Co., Inc.	1962	25	315	157	"
26-02-381	Paterson Board of Education	1965	63	312	30	"
26-02-382	First Natl. Bank & Trust	1953	12	200	125	"
26-02-385	Grand Union Co.			199	85	"
26-02-385	Artson Realty Co.			200	100	"
26-02-391	Okonite Co.			?	375	"
26-02-391	"			?	375	"
26-02-391	"			?	375	"
26-02-399	Food Fair Stores, Inc.	1955	21.5	231	150	"
26-02-416	Colorite Color Plastics	1965	45/50	405	2	Trbs
26-02-424	Container Corp. of America	1958	32	600	65	"
26-02-426	Instrument Specialty Co.	1956	33	150	75	Trb-Trbs
26-02-447	Little Falls Laundry			1012	450	Trbs
26-02-579	Bongiorne, Dr.			250	105	Trb
26-02-589	Bolero	1954	50	350	200	"
26-02-618	Pub. Svc. Elec. & Gas			400	164	"
26-02-621	Manhattan Casting Co.	1959	20	220	150	"
26-02-623	Boque Electric Co.			447	75	"
26-02-624	Garafano & Son, Inc.	1965	24	140	201	"
26-02-633	Independence Plating Co.	1954	21.5	402	230	"
26-02-645	F.E.R. Realty Co., Inc.	1955	32	307	300	"
26-02-653	Natl. Silk & Dyeing Co.			500	125	"
26-02-653	"			600	125	"

26-02-671	Shulton, Inc.	1955	15/28	300	435	Trb
26-02-675	"	1964	20	400	198	"
26-02-676	"	1964	21	300	322	"
26-02-676	Athenia Steel Co.			389	330	"
26-02-687	Eureka Printing Co.	1959	36/40'10"	60	282	"
26-02-688	Federal Sweets & Biscuit Co.			400	280	"
26-02-693	Cosley & Co.	1954	45	250	105	"
26-02-763	Bonds Ice Cream, Inc.			157	150	"
26-02-783	Bellvue Theater			250	145	"
26-02-861	Food Fair Stores			207	150	"
26-02-887	Essex Co. Park Commission			224	164	"
26-02-894	Brookdale Beverage	1957	46	430	85	"
26-02-919	Glopro Realty Co., Inc.	1958	27	333	92	"
26-02-922	Texstyle Corp.			605	250	"
26-02-925	Standard Packaging Corp.	1955	57	400	190	"
26-02-926	Oneida Paper Prods. Co.			200	100	"
26-02-937	Fritzsche Bros.			600	218	"
26-02-961	Speedway Car Wash Co.	1960	20	500	80	"
26-02-973	Grand Union Co.			102	80	Q-Trb
26-02-973	Brookliff Realty Co.	1962	24	301	190	Trb
26-02-973	Dumont Laboratories	1958	22	305	335	"
26-02-976	Stier, Albert A., Inc.			350	400	Q-Trb

J. Geodetic Control Survey monuments described
Index Maps 15,21; adjacent Index Maps 14,20

A. Caldwell, Elizabeth, Orange, Roselle

B. Arthur Kill-Rahway, Elizabeth; Passaic-Lower Passaic, Upper Passaic

C. 1. Cranford - Non-recording temperature and precipitation gauges

2. Map No.	Location	Period of Record
38	Peckman Brook at Verona Lake, Verona	7/23/45
3. 245	Passaic River near Livingston (Rt.10)	1964-
253	Peckman River at Verona (Rt. 506)	1964-

Water Quality Stations: (explained in Atlas Sheet description)
FW2 except where classified FW3

D. Brunswick Formation (Trb), Basalt Flows (Trbs)

E. 1. Physiographic Province: Piedmont

Subdivision: Triassic Lowlands

Major Topographic Features: Red Sandstone Plain, Watchung Ridges, Passaic Valley

Elevations (ft. above sea level): ridges 650, valleys 250

Relief (ft.): 400

2. a. Normal Year: 48"
Dry Year: 43"
Wet Year: 57"

b. January: 31°F
July: 74°F

c. 241 days. Last killing frost: 4/20; first killing frost: 10/20

F. Essex County:

West Essex Park

Eagle Rock Reservation

South Mountain Reservation

East Orange:

Municipal Watershed

Orange City:

Municipal Watershed

G. National Park Service - Edison National Historical Site

H. Edison National Historic Site, West Orange

NOTE: YELLOW: INDUSTRIAL WELLS

ORANGE: PRIVATE or PUBLIC WATER SUPPLY WELLS

I. Water Well Records

26-11

Location	Owner	Year Drilled	Screen Setting or Depth of Casing	Total Depth	g/m Yield	Formation
26-11-118	Boro of Essex Falls	1957		96	No test	Q
26-11-134	"	1956		190	95	Trb
26-11-137	Resistoflex Corp.	1968	76	305	250	"
26-11-142	Essex Falls, Boro of			200	255	Q-Trb
26-11-152	Polander, M. & Son	1968	124'9"	389	221	Trb
26-11-157	Kidde, W. & Co.			405	30	"
26-11-185	Twp. of Livingston	1955	66'10"	442	97	"
26-11-185	"	1955	88'10"	313	230	"
26-11-186	"	1955	68'7"	384	290	"
26-11-211	Boro of Essex Falls	1959	61	89	457	Q
26-11-212	"			260	0	Trbs
26-11-213	"			300	0	"
26-11-221	"			248	10	"
26-11-224	"			295	400	Trb
26-11-225	"			80	25	Q
26-11-256/9	"			43	120	"
26-11-266	Nichols, C.W.			510	25	Trbs
26-11-354	Eagle Rock Mfg. Co.			841	110	"
26-11-359	Montclair Golf Club	1964	16	500	138	Trb
26-11-426	A&P	1954		298	145	"
26-11-451	Twp. of Livingston	1955		291	412	"
26-11-464	"	1964	107	114	No test	Q
26-11-512	Whalen, S. (U.S.Cigar Store)			502	60	Trbs
26-11-546	Rahway Water Dept.	1966	22/40	269	390	Trb
26-11-599	Rock Springs Country Club	1956	19'9"	406	25	Trb-Trbs
26-11-611	Essex Co. Country Club	1965	62'11"	72	715	Q
26-11-645	"	1954	21	115	100	Trbs
26-11-668	Nickel Alkaline Battery Div.	1961	46	520	190	Trb
26-11-669	Tell Mfg. Co., Inc.			500	120	"
26-11-695	Carl Del'Spina & Co.	1958	25	400	330	"
26-11-913	East Orange, City of	1958	68	102	700	Q
26-11-717	"	1958	81'9"	116	775	"
26-11-717	"	1958	78	110	700	"
26-11-728	"	1962	125'4-1/2"	171	20	"
26-11-735	St. Barnabas Medical Ctr.	1961	32	819	170	Trbs-Trb
26-11-793	City of Orange			75	1040	Q
26-11-796	"			14	0	Trbs
26-11-797	"			104	700	Q
26-11-819	"	1966	73'6"	132	1404	"
26-11-833	Rock Springs Country Club	1957	22	750	35	Trbs-Trb
26-11-847	City of Orange			99	1480	Q
26-11-896	Village of South Orange			355	220	Trb
26-11-923	Orange Products	1960	35'3"	500	257	"
26-11-933	Orange Water Dept.	1958	35	551	300	"
26-11-939	City of Orange	1967	56'3"	550	350	"
26-11-943	Village of South Orange	1956	45	350	560	"
26-11-945	"			301	400	"
26-11-957	"	1956	21'10"	343	350	"
26-11-971	"			122	275	"

J. Geodetic Control Survey monuments described
Index Maps 20, 21, 25, 26

A. Elizabeth, Orange

B. Arthur Kill-Elizabeth, Rahway; Hackensack-Hackensack; Passaic-Lower Passaic

C. 2. Map No.	Location	Period of Record
63	Second River at Brighton Ave., East Orange	7/23/38
64	Second River at Bloomfield Ave., Bloomfield	7/23/38
65	Second River at Belleville	1937-1961
66	Second River at Newark Pipe, Belleville	7/23/38
67	Elizabeth River at Irvington	1931-1938
3. 262	Passaic River at Harrison	1967-1971

Water Quality Standards: (explained in Atlas Sheet description)
FW3, TW2 except where classified TW3

D. Brunswick Formation (Trb), Basalt Flows (Trbs)

E. 1. Physiographic Province: Piedmont
Subdivision: Triassic Lowlands
Major Topographic Features: Red Sandstone Plain, Watchung Ridges
Elevations (ft. above sea level): ridges 650, valleys 0
Relief (ft.): 650

2. a. Normal Year: 45"
Dry Year: 37"
Wet Year: 55"

b. January: 31°F
July: 74°F

c. 243 days. Last killing frost: 4/15; first killing frost: 10/20

F. Bergen County:

Riverside County Park and Hackensack River Area

Essex County:

Eagle Rock Reservation

Branch Brook Park

H. Montclair Railroad Terminal, Montclair

Israel Crane House, Montclair

Sydenham House, Newark

Kruegar Mansion, Newark

Penn Station, Newark

First Baptist Peddie Memorial Church, Newark

Saint James A.M.E., Newark

Saint Stephan's Church, Newark

Saint James's Church, Newark

Saint Mary's Church, Newark

Saint Barnabas, Newark

Saint Columba's Church, Newark

Saint John's Church, Newark

Saint Patricks Proccathedral, Newark

Queen of Angels Church, Newark

NOTE:

YELLOW: INDUSTRIAL WELLS

ORANGE: PUBLIC WATER SUPPLY WELLS

H. (contd.)

Cathedral Evangelica Reformada, Newark
 New Point Baptist Church, Newark
 South Park Presbyterian Church, Newark
 Pan American C.M.A. Church, Newark
 First United Methodist Church, Newark
 House of Prayer Episcopal Church and Rectory, Newark
 Grace Church, Newark
 North Reformed Church, Newark
 The Old First Presbyterian Church, Newark
 Trinity Episcopal Church, Newark

I. Water Well Records

<u>Location</u>	<u>Owner</u>	<u>Year Drilled</u>	<u>Screen Setting or Depth of Casing</u>	<u>Total Depth</u>	<u>g/m Yield</u>	<u>Formation</u>
26-12-157	Hahne & Co.			505	240	Trb
26-12-164	Quadrel, Michael	1955	18	151	75	"
26-12-194	Town of Montclair	1966	21/41	300	950	"
26-12-194	Montclair Water Bureau	1966	16/36	300	470	"
26-12-218	Glen Ridge Country Club	1967	40	300	200	"
26-12-222	Bloomfield Savings Bank	1956		145	100	"
26-12-313	Hoffman-LaRoche			902	128	"
26-12-327	Food Fair Stores, Inc.			209	70	"
26-12-334	Kingsland's Paper Mills			400	125	"
26-12-335	Wiggins Plastics, Inc.	1963	24'-3/12"	378	180	"
26-12-338	Federal Telecommunications Lab	1958	39'6"	500	114	"
26-12-386	Liquid Carbonic Corp.			518	100	"
26-12-389	National Yeast Corp.			512	126	Trbs
26-12-394	Federal Leather Co.			802	60	Trb
26-12-417	Schering Corp.			478	127	"
26-12-423	Kidde W. & Co.			400	400	"
26-12-448	Orange Dairy Co.			250	75	"
26-12-449	City of Orange	1970	61'5"	500	524	"
26-12-478	"	1971	56	506	500	"
26-12-486	Colonial Life Ins. Co.			357	323	"
26-12-513	Leonora Corp.	1957	33	200	70	"
26-12-526	Eastern Tool & Mfg. Co.			550	126	"
26-12-537	National Grain & Yeast Corp.			457	125	"
26-12-545	MGM Records (Div. of Loews)	1959	23	211	115	"
26-12-545	"	1960	36	579	120	"
26-12-547	"			400	275	"
26-12-557	Warner Mfg. Co.			395	220	"
26-12-566	Tiffany & Co.			800	50	"
26-12-577	Bloomfield Moulding Co.	1968	18	350	200	"
26-12-622	Mansol Ceramics Co.			250	100	"
26-12-644	Droll Molding Co., Inc.	1962	50	300	80	"
26-12-655	Summit Chemical Prod. Corp.			414	150	"
26-12-657	Crowhurst, A.J. & Sons			83	325	Q
26-12-675	Aluminum Finishing Co.			150	100	Trb
26-12-682	North Newark Ice Co.			250	123	"
26-12-695	V.H. Swenson Co.	1962	49	40	170	"

26-12-723	Mountain Ice Co.			634	300	Trb
26-12-729	Vinton Apartments Inc.	1955	52	255	160	"
26-12-747	Columbia Theaters, Inc.	1953	26	312	140	"
26-12-751	Woolworth & Co.	1965	76'10"	300	80	"
26-12-758	Food Fair Stores	1956	73	214	180	"
26-12-783	Pabst Brewing Co.			535	300	"
26-12-812	Ward Baking Co.			200	111	"
26-12-822	Crabb, W. & Co.			600	300	"
26-12-827	Trent Hat Corp.			200	150	"
26-12-839	Reid Ice Cream Co.			600	100	"
26-12-846	Fagin Brothers Coal Yard			150	100	"
26-12-864	Barton Realty Co., Inc.	1965		385	100	"
26-12-869	Alderney Dairy Co.			450	113	"
26-12-893	Ballantine & Son Ale			1200	0	"
26-12-896	Mutual Benefit Life Ins.Co.	1965	44'8"	312	219	"
26-12-898	Prudential Life Ins. Co.			1225	15	"
26-12-918	Abbey Record Co.	1962	24	697	135	"
26-12-921	Two Guys from Harrison	1959	99	405	628	"
26-12-933	DuPont			202	148	"
26-12-942	N.J. Rolling Mills	1963	99	400	20	"
26-12-944	Harrison Supply Co.	1966	88	174	50	"
26-12-948	Mountain Ice & Fuel Co.			350	122	"
26-12-957	Doelger Brewery			400	175	"
26-12-966	Verzelanp, N.	1959	146	235	150	"
26-12-976	Driver-Harris Co.	1946	241	337	600	Q
26-12-994	Acme Refining Co.	1960	144	500	150	Trb
26-12-996	Lister Brothers			1200	0	"
26-12-998	Stanley Tools			637	125	"

J. Geodetic Control Survey monuments described
Index Maps 21,26; adjacent Index Maps 20,25

NUMBER	NAME	SOURCEID	LOCID	LAT	LON	LLACC	DISTANCE	COUNTY	MUN	DEPTH	GEO1	GEO2	CAPACITY
	GLEN RIDGE COUNTRY CLUB	2604134	2	404925	741145	S	3.1	13	02	300	GTRB		200
	GLEN RIDGE COUNTRY CLUB	4600168	3	404928	741141	F	3.2	13	08	400	GTRB		10
2268P	FOREST HILL FIELD CLUB	2604258	1	404749	741041	S	1.8	13	02	238	GTRB		60
	FOREST HILL FIELD CLUB	POND		404808	741051	F	2.0	13	02	14	SP		1200
2313P	PENCO OF LYNCHURST INC.	4600172	1	404845	740714		4.9	03	32	267	GTRB		110
	PENCO OF LYNCHURST INC.	4600173	2	404845	740715		4.8	03	32	313	GTRB		185
	PENCO OF LYNCHURST INC.	2601699	3	404845	740715	F	4.8	03	32	410	GTRB		150
	PENCO OF LYNCHURST INC.	2603504	4	404840	740705	F	4.9	03	32	352	GTRB		185
2320P	HONEYCOMB PLASTICS CORP.	4600182	1	404506	740838	S	3.6	17	07	500	GTRB		210
	HONEYCOMB PLASTICS CORP.	2602384	2	404506	740838	S	3.6	17	07	700	GTRB		500
2354P	ESSEX COUNTY DEPT. OF PARKS	2604894	2	404645	741110	T	0.8	13	14	450	GTRB		180
	ESSEX COUNTY DEPT. OF PARKS	4600216	1	404637	741035	S	1.3	13	14	200	GTRB		240
2363P	ESSEX COUNTY HOSPITAL CENTER	2604891	10	405053	741453		5.4	13	04	524	GTRB		250
	ESSEX COUNTY HOSPITAL CENTER	2604849	9	405053	741453		5.4	13	04	524	GTRB		200
	ESSEX COUNTY HOSPITAL CENTER	4602613	8	405053	741453		5.4	13	04	200	GTRB		200
	ESSEX COUNTY HOSPITAL CENTER	4602612	7	405053	741453		5.4	13	04	200	GTRB		200
2382P	CAPITAL CITY PRODUCTS COMPANY	2604523	NORTH WELL	404446	740838	S	3.8	17	07	584	GTRB		500
	CAPITAL CITY PRODUCTS COMPANY	2604614	SOUTH WELL	404458	740835	F	3.7	17	07	615	GTRB		1000
4033PS	ESSEX COUNTY COUNTRY CLUB	POND		404703	741545	T	3.2	13	22		SY		
4057PS	RTC PROPERTIES INC	PASSAIC RIVER	INTAKE 1	404325	740708	F	5.8	17	07		SPLMP		1500
5050	ELIZABETHTOWN WATER COMPANY	4600039	1	404345	741645		5.3	39	17	124	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600040	1A	404345	741645		5.3	39	17	138	GTRB		250
	ELIZABETHTOWN WATER COMPANY	4600041	2A	404345	741645		5.3	39	17	158	GTRB		250
	ELIZABETHTOWN WATER COMPANY	4600042	5A	404345	741645		5.3	39	17	140	GTRB		150
	ELIZABETHTOWN WATER COMPANY	4600043	6A	404345	741645		5.3	39	17	141	GTRB		300
	ELIZABETHTOWN WATER COMPANY	4600044	7	404345	741645		5.3	39	17	420	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600045	7A	404345	741645		5.3	39	17	140	GTRB		250
	ELIZABETHTOWN WATER COMPANY	4600046	8R	404345	741645		5.3	39	17	130	GTRB		150
	ELIZABETHTOWN WATER COMPANY	4600047	9R	404345	741645		5.3	39	17	130	GTRB		200
	ELIZABETHTOWN WATER COMPANY	4600048	11	404345	741645		5.3	39	17	162	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600049	12A	404345	741645		5.3	39	17	200	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600050	21R	404345	741645		5.3	39	17	130	GTRB		200
	ELIZABETHTOWN WATER COMPANY	4600051	24	404245	741645		6.1	39	17	200	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600052	36	404345	741645		5.3	39	17	200	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600053	42	404345	741645		5.3	39	17	200	GTRB		125
	ELIZABETHTOWN WATER COMPANY	4600054	47	404345	741645		5.3	39	17	200	GTRB		125
	ELIZABETHTOWN WATER COMPANY	4600055	48	404345	741645		5.3	39	17	200	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600056	50	404345	741645		5.3	39	17	200	GTRB		150
	ELIZABETHTOWN WATER COMPANY	4600057	53R	404345	741645		5.3	39	17	107	GTRB		100
	ELIZABETHTOWN WATER COMPANY	4600058	54	404345	741645		5.3	39	17	98	GTRB		250
	ELIZABETHTOWN WATER COMPANY	4600059	55	404345	741645		5.3	39	17	103	GTRB		500
	ELIZABETHTOWN WATER COMPANY	2604082	LAYNE 3	404345	741645		5.3	39	17	301	GTRB		300
	ELIZABETHTOWN WATER COMPANY	2604083	LAYNE 6	404345	741645		5.3	39	17	303	GTRB		200
5073	SOUTH ORANGE TOWNSHIP	4600060	1	404425	741605	U	4.4	13	19	274	GTRB		300
	SOUTH ORANGE TOWNSHIP	2600241	2	404425	741605	T	4.4	13	19	182	GTRB		200
	SOUTH ORANGE TOWNSHIP	2600242	3	404425	741605	T	4.4	13	19	115	GTRB		250
	SOUTH ORANGE TOWNSHIP	2600243	5	404425	741605	T	4.4	13	11	156	GTRB		100
	SOUTH ORANGE TOWNSHIP	2600244	7	404425	741605	T	4.4	13	11	299	GTRB		200
	SOUTH ORANGE TOWNSHIP	2600245	8	404425	741605	T	4.4	13	19	122	GTRB		225
	SOUTH ORANGE TOWNSHIP	4600061	11	404500	741535	T	3.6	13	19	304	GTRB		400
	SOUTH ORANGE TOWNSHIP	4600062	12	404425	741605	U	4.4	13	19	382	GTRB		200
	SOUTH ORANGE TOWNSHIP	4600063	13	404425	741605	U	4.4	13	19	349	GTRB		600
	SOUTH ORANGE TOWNSHIP	4600064	14	404425	741605	U	4.4	13	19	355	GTRB		250
	SOUTH ORANGE TOWNSHIP	2602780	15	404503	741534	F	3.6	13	19	200	GTRB		450
	SOUTH ORANGE TOWNSHIP	2602369	16	404416	741504	F	3.8	13	19	350	GTRB		450
	SOUTH ORANGE TOWNSHIP	2602401	17	404440	741505	T	3.5	13	19	343	GTRB		400

NUMBER	NAME	SOURCEID	LOCID	LAT	LON	LLACC	DISTANCE	COUNTY	MUN	DEPTH	GEO1	GEO2	CAPACITY
	SOUTH ORANGE TOWNSHIP	2603643	19	404452	741542	F	3.8	13	19	500	GTRB		
	SOUTH ORANGE TOWNSHIP	2604546	20	404403	741615	F	4.7	13	19	200	GTRB		175
	SOUTH ORANGE TOWNSHIP	2604550	21	404403	741615	F	4.7	13	11	196	GTRB		
5077	ORANGE CITY	2603701	6	404530	741730	S	4.9	13	22	132	GOSD		1400
	ORANGE CITY	2603440	7	404534	741409	S	2.2	13	17	551	GTRB		350
	ORANGE CITY	2604322	8	404648	741330	S	1.2	13	17	500	GTRB		600
	ORANGE CITY	2604444	9	404613	741343	F	1.5	13	17	506	GTRB		500
	ORANGE CITY	RAHWAY RIVER		404607	741702	F	4.4				SYRAH		
5115	ESSEX FELS TOWNSHIP	4600200	1A	404953	741715	S	5.8	13	06	96	GOSD		300
	ESSEX FELS TOWNSHIP	4600201	2	404859	741629	S	4.6	13	21	40	GOSD		150
	ESSEX FELS TOWNSHIP	4600202	5	404900	741700	U	5.0	13	06	295	GTRB		400
	ESSEX FELS TOWNSHIP	4600203	6	404938	741734	S	5.8	13	06	565	GTRB		300
	ESSEX FELS TOWNSHIP	4600207	4A	405048	741721	S	6.6	13	21	195	GTRB		300
	ESSEX FELS TOWNSHIP	4600208	4B	405049	741719	S	6.6	13	21	270	GTRB		200
	ESSEX FELS TOWNSHIP	4600209	4C	405054	741716	S	6.6	13	21	360	GTRB		120
5172	BLOOMFIELD TOWN	2604763	1	404800	741130	T	1.6	13	02	380	GTRB		330
5245	MONTCLAIR TOWN	2603687	RAND W. #1	404822	741237	S	1.9	13	13	300	GTRB		400
	MONTCLAIR TOWN	2603688	GLENFLD #2	404851	741242	F	2.5	13	13	300	GTRB		600
	MONTCLAIR TOWN	2604597	LORRAINE 3	405035	741237	F	4.5	13	13	300	GTRB		400
5250	GLEN RIDGE WATER DEPT.	2604827	2	404847	741210	S	2.4	13	08	400	GTRB		300
5339	RAHWAY CITY OF	RAHWAY RIVER		404701	741627		3.8	39	13		SYRAH		7000

Number of Observations: 132

ATTACHMENT A

MALCOLM PIRNIE

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

Proll Toys

313

Site Name

Site ID Number

120 Arlington Avenue

Bloomfield, Essex Co., NJ

Address

City, State

Date of Off-Site Reconnaissance April 23, 1986

SITE DESCRIPTION

Proll Toys, or Proll Molding Company, is a plastic toy manufacturer. In 1985, plans were submitted to the Bloomfield Fire Dept. for installation of an indoor shooting range, to be used for government weapons testing. The plans were approved, but it is not known if testing is taking place at the present time. Only a limited amount of ammunition would be used and all testing would be done inside the building.

Toluene is used at the site and is discharged through stack emissions. No evidence of hazardous conditions is present at this site.

(Attachments A-C)

PRIORITY FOR FURTHER ACTION: High _____ Medium _____ Low X None _____

RECOMMENDATIONS

An inspection, on a time available basis, is recommended for this site.

Prepared by: Teresa M. Kennel

Date: May 5, 1986

Of: Malcolm Pirnie, Inc.

ATTACHMENT A-1



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NJ 313

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Prall Toys		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 120 Arlington Avenue			
03 CITY Bloomfield	04 STATE NJ	05 ZIP CODE 07003	06 COUNTY Essex	07 COUNTY CODE	08 CONG. DIST.
09 COORDINATES LATITUDE 40-46-43.0 LONGITUDE 74-12-06.0		BLOCK 63 LOT 80			

10 DIRECTIONS TO SITE (Starting from nearest public road) Garden State Parkway to the Bloomfield exit. Bloomfield Avenue to Wetsessing, turn right and go to Arlington Avenue, turn left.

III. RESPONSIBLE PARTIES

01 OWNER (If known) 120 Arlington Ave. Associates		02 STREET (Business, mailing, residential) 120 Arlington Avenue			
03 CITY Bloomfield	04 STATE NJ	05 ZIP CODE 07003	06 TELEPHONE NUMBER ()		
07 OPERATOR (If known and different from owner) Larry Burkhardt (Plant Manager)		08 STREET (Business, mailing, residential) 120 Arlington Avenue			
09 CITY Bloomfield	10 STATE NJ	11 ZIP CODE 07003	12 TELEPHONE NUMBER (201) 748-6700		

13 TYPE OF OWNERSHIP (Check one)

- ☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
(Agency name)
☐ F. OTHER ☐ G. UNKNOWN
(Specify)

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

- ☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE (CERCLA 103c) DATE RECEIVED: MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE MONTH DAY YEAR <input checked="" type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER CONTRACTOR NAME(S) (Specify)			
---	--	---	--	--	--

02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION BEGINNING YEAR ENDING YEAR <input checked="" type="checkbox"/> UNKNOWN
--	--

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Toluene is used at the site as a solvent adhesive for plastic toys. (Attachment A)

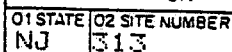
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
The potential for air contamination exists due to toluene emissions. Weapons testing has been alleged at the site. (Attachments A-C)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☒ C. LOW (Inspection on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Robert Hayton	02 OF (Agency/Organization) NJDEP - HSMA, BEERA	03 TELEPHONE NUMBER (609) 633-2219
04 PERSON RESPONSIBLE FOR ASSESSMENT Teresa M. Kennel	05 AGENCY M. Pirnie, Inc	06 ORGANIZATION (201) 8450400
07 TELEPHONE NUMBER 05-05-86		08 DATE MONTH DAY YEAR

☐ M.NCT APPLICABLE

ATTACHMENT A-3



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER 313

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Non-contact cooling water is discharged to Branch Brook.
Apparently, there are no pollutants present since the plant does not
possess a NJPDES permit. (Attachment A)

01 ☒ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Toluene is discharged in air emissions. (Attachment A)

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER 313

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/leaking liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

The Bloomfield Health Dept. has alleged that weapons manufacturing and testing occurred at the site. (Attachment B)

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g. store files, sample analysis, reports)

NJDEP/OSR files : Attachment A

Telephone call to the Bloomfield Health Dept. : Attachment B

Telephone call to the Bloomfield Fire Dept. : Attachment C

ATTACHMENT B

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
CN 029, Trenton, N.J. 08625

DISCHARGE SURVEILLANCE REPORT

PERMIT # NJ0071706 NO. OF DISCHARGES 001 CLASS MIN-IND
DISCHARGER PROLL MOLDING CO. INC.
OWNER PROLL MOLDING CO. INC.
MUNICIPALITY BLOOMFIELD COUNTY ESSEX WATERSHED CODE P
LOCATION 120 ARLINGTON AVENUE
RECEIVING WATERS SECOND RIVER STREAM CLASS FW2-1T
LICENSED OPERATOR & PLANT CLASS MR. PETER PROLL
TRAINEE/ASSISTANT VICE PRESIDENT OTHER INFO. 748-6700

DEFICIENCIES OR COMMENTS

- NOT RATED -

FINAL PERMIT HAS NOT BEEN ISSUED.

FACILITY IS TO APPLY FOR A PHYSICAL
CONNECTION PERMIT.

OVERALL RATING

☐ Acceptable☐ Conditionally Acceptable☐ Unacceptable

EVALUATOR

RICHARD WHITE

TITLE

ENVIRONMENTAL COMPLIANCE

INFORMATION FURNISHED BY

(Name)

PETER PROLL, ANSON WONG

(Title)

V. P. QUALITY ASSURANCE
ENGINEER

(Organization)

PROLL MOLDING CO. INC.

DATE OF INSPECTION

DECEMBER 14, 1989

ATTACHMENT B-1

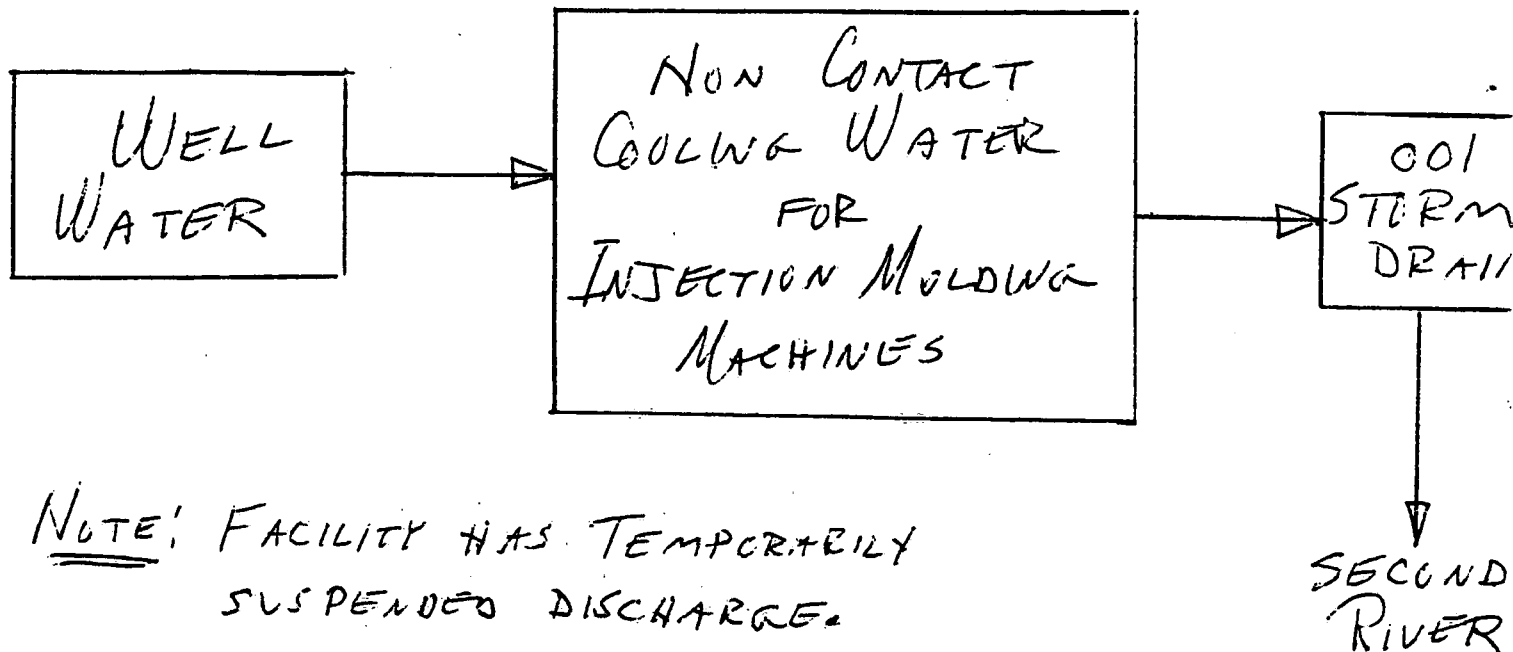
ATTACHMENT B-2



DISCHARGE SURVEILLANCE REPORT

Permit # NS0071766
Date 12/14/89

PLANT DIAGRAM AND FLOW SEQUENCE:



— NO DISCHARGE — — NO SAMPLES TAKEN —

DISCHARGE DATA

SOURCE: _____

PERIOD: _____

DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA

MONITORING DEFICIENCIES: _____

ATTACHMENT C



New Jersey Pollutant Discharge Elimination System

The New Jersey Department of Environmental Protection hereby restricts and controls the discharge of pollutants to waters of the State from the subject facility/activity in accordance with applicable laws and regulations. The permittee is responsible for complying with all terms and conditions of this authorization and agrees to said terms and conditions as a requirement for the construction, installation, modification or operation of any facility for the collection, treatment or discharge of any pollutant to waters of the State.

PERMIT NUMBER NJ0071706

Permittee
PROLL MOLDING CO., INC
120 ARLINGTON AVENUE
BLOOMFIELD, NJ 07003

Co-Permittee

Property Owner
120 ARLINGTON AVE ASSOCIATES
120 ARLINGTON AVE.
BLOOMFIELD, NJ 07003

Location of Activity
PROLL MOLDING CO., INC
120 ARLINGTON AVENUE
BLOOMFIELD, NJ 07003

Current Authorization Covered By This Approval And Previous Authorization	Issuance Date	Effective Date	Expiration Date
C :Thermal SW Discharge	12/29/89	2/01/90	1/31/95
05:Group I - Stormwater Runoff	12/29/89	2/01/90	1/31/95

DISCHARGE TO: Storm sewer to the
Secon River

CLASSIFICATION: FW2-NT

By Authority of:
Eric J. Evenson
Acting Director
Division of Water Resources

DEP AUTHORIZATION

JOHN F. FIELDS
ACTING ASSISTANT DIRECTOR-NJPDES
WASTEWATER FACILITIES MANAGEMENT ELEMENT

ATTACHMENT C-1

State of New Jersey
Department of Environmental Protection
Division of Water Resources
401 East State Street, CN-029
Trenton, New Jersey 08625

FACT SHEET
FOR DRAFT NJPDES PERMIT TO DISCHARGE
INTO THE WATERS OF THE STATE OF NEW JERSEY

Permit No. NJ0071706

Date: OCT 16 1989

Name and Address of Applicant: Proll Molding Co., Inc.
120 Arlington Ave.
Bloomfield, N.J. 07003

Name and Address of Facility
where Discharge Occurs: Proll Molding Co., Inc.
120 Arlington Ave.
Bloomfield, N.J. 07003

Receiving Water: Storm sewer to Second River to
to Passaic River

Classification: FW2-NT

I. DESCRIPTION OF FACILITY

The above named applicant has applied for a New Jersey Pollutant Discharge Elimination System (NJPDES) permit, to the State of New Jersey Department of Environmental Protection, Division of Water Resources to discharge into the designated receiving water. A location map of the facility is included on page 3.

The applicant's activity is Plastic Injection Molding (SIC 3079). The above facility discharges non-contact cooling water and storm water run off to a storm sewer which discharges to the Second River to the Passaic River via DSN # 001. Approximately 25,000 gpd water is discharged to the Second River.

The facility has been been classified as a minor discharger by the New Jersey Department of Environmental Protection in accordance with the U.S. EPA rating criteria.

II. DESCRIPTION OF DRAFT PERMIT CONDITIONS

The existing and proposed effluent limitations and other pertinent information regarding the draft permit are described in the Permit Summary Table (page 4). Also included is a brief summary of the basis for each effluent limitation and other conditions in the draft permit (page 5).

III. VARIANCE OR MODIFICATION (if applicable)

None Requested.

IV. WATER QUALITY BASED PERMIT LIMITS (if applicable)

It has been determined that Water Quality Based Effluent Limitations (WQBEL) are not the governing criteria at this time.

V. PROCEDURES FOR REACHING A FINAL DECISION ON THE DRAFT PERMIT

These procedures are set forth in N.J.A.C. 7:14A-7.1 et seq.. Included in the public notice are requirements for the submission of comments by a specified date, procedures for requesting a hearing and the nature of the hearing, and other procedures for participation in the final agency decision.

V. NJDEP CONTACT

Additional information concerning the Draft Permit may be obtained between the hours of 8:00 A.M. and 4:30 P.M., Monday through Friday from: Raj Shah, Surface Water Section, at 609-292-4860.

ATTACHMENT D

VENINSL-1

03/14/90
11:54:38NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL QUALITY
STACK LOG LISTING

PAGE 149

PLANT ID	COUNTY	MUNICIPALITY	BUSINESS NAME	PLANT NAME	PLANT CONTACT
05645	ESS	BELLEVILLE	MILLER & SON		ALLEN MILLER

STACK	CERT	COND	STATUS	EXP. DAT	COMPANY DESIGNATION	LAST INS	BY
004	043419		PERM	07/21/94	CLEANING TANKS	01/27/89	031
005	043420		PERM	07/21/94	COPPER PLATING TANKS	01/27/89	031
006			GRAN		WALL FAN	01/27/89	031
007			GRAN		BOILER STACK	01/27/89	031
008			GRAN		CYCLONE-POLISHING LATHES	01/27/89	031
009			GRAN		ALUMIN-DIP ANODIZING STK	01/27/89	031
010			GRAN		HCL PICKLING STACK	01/27/89	031
011			GRAN		CHROMIC ACID ANODIZING	01/27/89	031
012			GRAN		CAUSTIC ETCH STACK	01/27/89	031
013			GRAN		ROOF EXHAUST FAN(F1)	01/27/89	031
014			GRAN		ROOF EXHAUST FAN(F2)	01/27/89	031
015			GRAN		ROOF EXHAUST FAN(F3)	01/27/89	031
016			GRAN		CHROME PLATING CP3 STK	01/27/89	031
017			GRAN		CHROME PLATING CP4 STK	01/27/89	031
018			GRAN		POLISHING LATHE(2)	01/27/89	031
019	076716		PERM	12/02/94	NICKEL EVAPORATOR	10/30/89	629
020	076717		PERM	12/02/94	COPPER EVAPORATOR	10/30/89	629
021	089819		PERM	12/24/94	CADMIUM EVAPORATOR	10/30/89	629

PLANT ID	COUNTY	MUNICIPALITY	BUSINESS NAME	PLANT NAME	PLANT CONTACT
05646	ESS	BLOOMFIELD	PROLL MOLDING CO., INC.	PROLL TOYS INC DIV	LARRY HOLT

STACK	CERT	COND	STATUS	EXP. DAT	COMPANY DESIGNATION	LAST INS	BY
000			ZERO		MISCELLANEOUS INSPECTIONS		
001	034102		PERM	10/18/92	OVEN	05/20/88	031
002	034103		PERM	07/21/92	VACUUM METALLIZER	02/18/87	031
003	034100		PERM	10/18/92	EAST SPRAY BOOTH	05/20/88	031
004	034101		PERM	08/29/92	WEST SPRAY BOOTH	02/18/87	031
005	043072		EXPD	05/27/89	SIL0 # 1	02/18/87	031
006	043073		EXPD	05/27/89	SIL0 # 2	02/18/87	031
007	043074		EXPD	05/27/89	SIL0 # 3	02/18/87	031
008	043075		EXPD	05/27/89	SIL0 # 4	02/18/87	031
009	043076		PERM	07/20/91	ROOF EXHAUST FANS 1-TO 7	02/18/87	031

PLANT ID	COUNTY	MUNICIPALITY	BUSINESS NAME	PLANT NAME	PLANT CONTACT
05647	ESS	FAIRFIELD	CONSTANT SERVICES INC	CONSTANT SERVICES INC	RON DUPRE

STACK	CERT	COND	STATUS	EXP. DAT	COMPANY DESIGNATION	LAST INS	BY
000			ZERO		MISCELLANEOUS INSPECTIONS		

0000 DENOTES UNDEFINED STATUS

ATTACHMENT D

ATTACHMENT E



APR 4 11 27 AM '90

PROLL MOLDING CO., INC.

120 ARLINGTON AVENUE

BLOOMFIELD, NEW JERSEY 07003-4682

PHONE: (AREA CODE 201) • 748-6700

FAX: 201-748-0279

April 3, 1990

Richard White
Environmental Compliance
Investigator
Metro Bureau of Regional Enforcement
2 Babcock Place
West Orange, N.J. 07052

Dear Mr. White:

We received your letter of January 31, 1990. We also received an invoice in the amount of \$500.00 for use of water.

Attached, please find copy of letter which was sent out on March 26, 1990. At present we are not using any water and do not plan to do so in the near future.

If you have any further questions, please contact me.

Very truly yours

Peter S. Proll
President

PSP/tk
Enc.

ATTACHMENT E-1



PROLL MOLDING CO., INC.

120 ARLINGTON AVENUE

BLOOMFIELD, NEW JERSEY 07003-4682

PHONE: (AREA CODE 201) • 748-6700

FAX: 201-748-0279

March 26, 1990

NJDEP
Division of Water Resources
Fee Management Section
CN029
Trenton, N.J. 08625

Gentlemen:

We received your invoice in the amount of \$500.00 for use of water. However, at present we are not using any water and do not plan to use any in the near future.

We will probably let the import permit lapse, when the time comes.

Very truly yours,

Peter S. Proll
President

PSP/tk

cc: Bernie
Howard

ATTACHMENT E-2

BUREAU OF PLANNING AND RESEARCH
FILE/DATA CHECK SHEET

Agency	Phone No.	Contact	Date	File Y/N Reviewed Y/N
W.J. DEP				
Div. Water Resources				
A. Central File	(609) 292-0440	STAFF	7/2/90	NO FILE
B. Regional Enforcement Office	201-669-3900	STAFF	7/2/90	FILE REVIEWED
C. Groundwater Pollution Assessment	(609) 292-0668			
D. Groundwater Pollution Abatement	(609) 292- ⁸⁴²⁷ 4227			
E. Groundwater Discharge Control	(609) 292-0424			
F. Indust. Waste Mgnt. (NJPDDES permits)	(609) 292-4860			
G. Other	-----			
Div. Haz. Waste Mgnt.				
A. Regional Enforcement Office	201-669-3960	STAFF	7/3/90	NO FILE
B. Federal Case Mgnt.	(609) 633-1455			
C. State Case Mgnt.	(609) 633-0719			
D. ECRA	(609) 633-7141	STAFF	7/3/90	NO FILE
E. Haz. Waste Eng.	(609) 292-9880	ANTONY DRUMMING	7/3/90	NO FILE
F. Other	-----			
Div. Env. Quality				
A. Reg. Air Pollution Control Office	201-669-3935	STAFF	7/3/90	FILE REVIEWED
B. Office of Quality Assurance	(609) 292-3950			
C. Right to Know	(609) 292-6714			
Div. Solid Waste Mgnt.				
A. File Room	(609) 292-0112			
B. Enforcement Office	(609) 426-0791			
C. Solid Waste Eng.	(609) 292-7875			

Agency	Phone No.	Contact	Date	File Y/N	Reviewed Y/N
Div. Hazardous Site Mitigation					

- | | | | | | |
|--|----------------|--|--|--|--|
| A. Central File | (609) 292-3230 | | | | |
| B. Env. Evaluation and Risk Assmnt. | (609) 633-7413 | | | | |
| C. Site Management | (609) 984-2900 | | | | |
| D. Env. Measurements and Quality Assurance | (609) 633-0783 | | | | |

Other N.J. DEP

- | | | | | | |
|---|----------------|--|--|--|--|
| A. DRA (DEP Attorneys) | (609) 292-5697 | | | | |
| B. Div. of Law (Att. Gen. Office) | (609) 984-3900 | | | | |
| C. Div. of Science and Research | (609) 984-6070 | | | | |
| D. Div. of Fish & Game | ----- | | | | |
| E. Div. of Coastal Resources Planning Group (aerial photos) | (609) 633-7369 | | | | |
| F. Other | ----- | | | | |

N.J. Dept. of Health

N.J. DEP Information Resource Center	(609) 984-2249				
--------------------------------------	----------------	--	--	--	--

U.S. EPA

- | | | | | | |
|-----------------------------------|----------------|--|--|--|--|
| A. Response and Prevention Branch | (201) 321-6658 | | | | |
| B. Other | ----- | | | | |

Local Authorities

- | | | | | |
|---|---------------------------------|----------------|--------|---------------|
| A. Health Officer | 201-743-4400 | GLORIA SHORTER | 7/6/90 | FILE REVIEWED |
| B. Tax Assessor or Town Clerk | 201-743-4400 | STAFF | 7/6/90 | FILE REVIEWED |
| C. Other (Fire, Police, Public Works, etc.) | FIRE DEPARTMENT
201-743-4400 | STAFF | 7/6/90 | NO FILE |

Other Agencies